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PATENT
SP01-070

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): W. Liu et al.

Amendment

Serial No.: 09/821,927

Group Art Unit: 1764

Filing Date: March 30, 2001

Examiner: Tam M. Nguyen

Title: Hydrotreating Process and Catalyst

BOX NON-FEE AMENDMENT
Assistant Commissioner for Patents
Washington, DC 20231

CERTIFICATE OF MAILING (37 CFR 1.8a)
I hereby certify that this correspondence is being deposited
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Commissioner for Patents, Washington, DC 20231, on
January 27, 2003.

Kees van der Sterre
Kees van der Sterre

Sir:

In response to the Office Letter mailed herein on September 27, 2002, please
amend the above-entitled application as follows:

IN THE CLAIMS

- ✓ Cancel non-elected claims 32-35 without prejudice.
- ✓ Cancel claim 26.

Amend claims 1 and 18-31 as follows:

1. A method for hydrotreating hydrocarbons to remove heteroatoms therefrom
comprising:

- a. combining hydrogen-containing gas with a liquid hydrocarbon stream containing sulfur, nitrogen, metal or oxygen heteroatoms to form a feed stream;
- b. passing said feed stream over a monolithic catalyst bed containing hydrotreating catalyst components to remove the heteroatoms therefrom;
- c. wherein the superficial liquid linear velocity of said feed stream is greater than about 0.02 cm/s and the one-pass conversion of a heteroatom is greater than 50%.

18. A method for making low-sulfur diesel fuel comprising:

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